

EXPERIENCE

SYMMETRY DETECTION AND CLASSIFICATION IN DRAWINGS OF GRAPHS

Research Assistant
University of Arizona

Jan 2020–
Jul 2020
Tucson,
Arizona

- Implemented Graph Neural Networks to classify common and abstract symmetries in graph drawings
- Deployed Neural Network models using programs written in collaboration with research team
- Utilized High Performance Computing cluster to regularly conduct intensive Neural Network training and prediction experiments
- Applied Linux knowledge to create job scripts with PBS directives

UA CYBERCATS

Member
University of Arizona

2019–
Present
Tucson,
Arizona

- Participated in National Cyber League competitions and learned about Offensive Security
- Experienced with hacking HackTheBox machines
- Experienced with Kali Linux

CREATED LINUX DISTRIBUTION

Creator of Orlix

2020

- Configured Arch Linux variant featured on orlandorodriguez.xyz
- Designed to be lightweight with emphasis on high-speed development and deployment

WEB DESIGN

Creator of orlandorodriguez.xyz

2018–
Present

- Manage both front/back-end with LEMP stack
- Feature current projects, [resume](#) and link to [Github](#)
- Frequently publish articles about computer science, statistics, technology, and philosophy

LEADERSHIP EXPERIENCE

WILDCAT ÉPÉE FENCING CLUB

Secretary
University of Arizona

2019–
Present
Tucson,
Arizona

- Represent the university by traveling across the country to tournaments
- Regularly compile team statistics, track attendance, and handle logistics
- Negotiate with university officials and campus recreation to approve events
- Interact daily with members to create a fun team environment
- Manage the team website at uawildcatfencing.com

BLUE CHIP LEADERSHIP EXPERIENCE

Member
University of Arizona

2019–
Present
Tucson,
Arizona

- Participated in leadership training and volunteer activities on campus
- Studied Design Thinking Process in Blue Chip courses, and participated in group projects
- Finalist in 2021 Design Thinking Challenge, focused on improving health-care for disabled youth at El Rio Community Health Center

ORLANDO RODRIGUEZ

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EDUCATION

school: University of Arizona
major: BS - Computer Science
BS - Statistics and Data Science
minor: Spanish
GPA: 3.372
CS GPA: 3.3

PREFERENCES

languages: Java
Python
editors: Vim
VSCode
Eclipse IDE
subjects: Software Development
Back/Front End Development
Machine Learning

AWARDS

National Merit Hispanic Scholar 2019

CODING LANGUAGES

Java	Python	Bash	SQL
HTML	CSS	JS	PHP

OTHER TECHNICAL SKILLS

Linux	nginx	VBox	MariaDB
ML	L ^A T _E X	HPC	

OTHER SKILLS

Spanish (Reading/Writing/Speaking)
Negotiation
Conflict resolution
Team administration